

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:54:09 ; Search time 319.49 Seconds  
(without alignments)  
16.304 Million cell updates/sec

Title: US-09-851-670-14  
Perfect score: 23  
Sequence: 1 gagaacaccgcgtctctgcgcaaa 23

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 515962

Minimum DB seq length: 0  
Maximum DB seq length: 60

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA:\*  
1: /cgn2\_6/ptodata/2/ina/5A.COMB.seq:\*  
2: /cgn2\_6/ptodata/2/ina/5B.COMB.seq:\*  
3: /cgn2\_6/ptodata/2/ina/6A.COMB.seq:\*  
4: /cgn2\_6/ptodata/2/ina/6B.COMB.seq:\*  
5: /cgn2\_6/ptodata/2/ina/PCITUS.COMB.seq:\*  
6: /cgn2\_6/ptodata/2/ina/Backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	13.2	57.4	30	US-08-203-532F-14	Sequence 14, Appl
2	13.2	57.4	30	US-09-078-465-14	Sequence 14, Appl
3	13	56.5	24	US-08-770-941-21	Sequence 21, Appl
4	12.6	54.8	20	US-09-489-868A-37	Sequence 37, Appl
5	12.6	54.8	27	US-08-687-421-44A	Sequence 44A, Appl
6	12.6	54.8	39	US-08-303-124-26	Sequence 26, Appl
7	12.6	54.8	39	US-08-480-697B-26	Sequence 26, Appl
8	12.2	53.0	40	US-08-425-684-65	Sequence 65, Appl
9	12.2	53.0	40	US-08-425-684-71	Sequence 71, Appl
10	12.2	53.0	40	US-08-675-502-65	Sequence 65, Appl
11	12.2	53.0	40	US-08-675-502-71	Sequence 71, Appl
12	12.2	53.0	45	US-08-895-590-41	Sequence 41, Appl
13	12.2	52.2	20	US-08-507-431-17	Sequence 17, Appl
14	12	52.2	20	US-08-902-655A-17	Sequence 17, Appl
15	12	52.2	20	US-09-116-622-17	Sequence 17, Appl
16	12	52.2	20	US-09-219-277-17	Sequence 17, Appl
17	12	52.2	20	US-09-599-661-17	Sequence 17, Appl
18	12	52.2	26	US-08-384-708A-186	Sequence 186, Appl
19	12	52.2	26	US-08-687-421-186	Sequence 186, Appl
20	12	52.2	26	US-08-687-421-445	Sequence 445, Appl
21	12	52.2	26	US-08-973-124-266	Sequence 266, Appl
22	12	52.2	26	US-08-973-124-266	Sequence 266, Appl
23	12	52.2	30	US-08-384-708A-108	Sequence 108, Appl
24	12	52.2	30	US-08-687-421-108	Sequence 108, Appl
25	12	52.2	35	US-08-973-124-267	Sequence 267, Appl
26	12	52.2	35	US-08-973-124-267	Sequence 267, Appl
27	12	52.2	37	US-08-435-350-14	Sequence 14, Appl

28	12	52.2	39	1	US-08-099-868-11	Sequence 11, Appl
29	12	52.2	39	1	US-08-099-868-17	Sequence 17, Appl
30	12	52.2	40	1	US-08-390-878-3	Sequence 3, Appl
31	12	52.2	41	3	US-08-926-842B-33	Sequence 33, Appl
32	12	52.2	45	1	US-07-912-900-10	Sequence 10, Appl
33	12	52.2	45	1	US-08-285-309-10	Sequence 10, Appl
34	12	52.2	45	1	US-08-313-075A-6	Sequence 6, Appl
35	12	52.2	45	2	US-08-379-556A-11	Sequence 11, Appl
36	12	52.2	45	2	US-08-379-482A-1	Sequence 1, Appl
37	12	52.2	45	2	US-08-502-046-10	Sequence 10, Appl
38	12	52.2	48	6	5212087-5	Patent No. 5212087
39	12	52.2	50	3	US-08-899-029-2	Sequence 2, Appl
40	12	52.2	54	3	US-07-921-104D-62	Sequence 62, Appl
41	12	52.2	60	2	US-08-757-653-183	Sequence 183, Appl
42	12	52.2	60	2	US-08-599-491-40	Sequence 40, Appl
43	12	52.2	60	2	US-08-756-386-40	Sequence 40, Appl
44	12	52.2	60	2	US-08-823-516-29	Sequence 29, Appl
45	12	52.2	60	3	US-08-682-853A-40	Sequence 40, Appl

## ALIGNMENTS

RESULT 1  
US-08-203-532F-14  
; Sequence 14, Application US/08203532F  
; Patent No. 5856121  
; GENERAL INFORMATION:  
; APPLICANT: Gorski, David H.  
; APPLICANT: Walsh, Kenneth  
; TITLE OF INVENTION: Growth Arrest Homeobox Gene  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Caltee, Halter, and Griswold  
; STREET: 800 Superior Avenue  
; CITY: Cleveland  
; STATE: Ohio  
; COUNTRY: U.S.A.  
; ZIP: 44114-2688  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/203,532F  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Goltick, Mary E.  
; REGISTRATION NUMBER: 34829  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (216) 622-8200  
; TELEFAX: (216) 241-0816  
; TELEX: 980499  
; INFORMATION FOR SEQ. ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 30 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; US-08-203-532F-14  
Query Match 57.4%; Score 13.2; DB 2; Length 30;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
3 gagaacaccgcgtctctgcg 20  
||||||| ||||| ||

DB 13 GAACACCCCTTTGGC 30

RESULT 2

US-09-078-465-14

Sequence 14, Application US/09078465

Patent No. 6280969

GENERAL INFORMATION:

APPLICANT: Gorski, David H.

APPLICANT: Walsh, Kenneth

TITLE OF INVENTION: Growth Arrest Homeobox Gene

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:

ADDRESSEE: Calfee, Halter, and Griswold

STREET: 800 Superior Avenue

CITY: Cleveland

STATE: Ohio

COUNTRY: U.S.A.

ZIP: 44114-2688

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/078,465

FILING DATE: 14-MAY-1998

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/203,532

FILING DATE: 24-FEB-1994

ATTORNEY/AGENT INFORMATION:

NAME: Goltick, Mary E.

REGISTRATION NUMBER: 34829

REFERENCE/DOCKET NUMBER: 22311/00114

TELECOMMUNICATION INFORMATION:

TELEPHONE: (216) 622-8200

TELEFAX: (216) 241-0816

TELEX: 980499

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 30 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

US-09-078-465-14

Query Match 57.4%; Score 13.2; DB 4; Length 30;

Best Local Similarity 83.3%; Pred. No. 4.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

DB 13 GAACACCCCTTTGGC 30

RESULT 3

US-08-770-941-21

Sequence 21, Application US/08770941

Patent No. 6025133

GENERAL INFORMATION:

APPLICANT: Scull, Paul D.

APPLICANT: Myers, Kristi K.

APPLICANT: Becker, Michael M.

TITLE OF INVENTION: TARGET-TRIGGERED

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: word perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/770,941

FILING DATE: Herewith

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Heber, Sheldon O.

REGISTRATION NUMBER: 38,179

REFERENCE/DOCKET NUMBER: 212/284

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-770-941-21

Query Match 56.5%; Score 13; DB 3; Length 24;

Best Local Similarity 76.2%; Pred. No. 5.8e+02;

Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

DB 2 AGAACACCACTTTGGCGAA 22

RESULT 4

US-09-489-868A-37

Sequence 37, Application US/09489868A

Patent No. 6265216

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION

FILE REFERENCE: RTS-0113

CURRENT APPLICATION NUMBER: US/09/489,868A

CURRENT FILING DATE: 2000-01-20

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 37

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-489-868A-37

Query Match 54.8%; Score 12.6; DB 4; Length 20;

Best Local Similarity 78.9%; Pred. No. 8.8e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

DB 2 AGAACACCACTTTGGCG 20

DB 1 AGAACAGACCACTTCTCGC 19

## RESULT 5

US-08-687-421-444/C

; Sequence 444, Application US/08687421

; Patent No. 6177537

; GENERAL INFORMATION:

; APPLICANT: Gold, Larry

; APPLICANT: Janjic, Nebojsa

; APPLICANT: Tasset, Diane

; TITLE OF INVENTION: HIGH-AFFINITY LIGANDS OF BASIC

; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR AND

; NUMBER OF SEQUENCES: 445

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Swanson &amp; Bratschun, L.L.C.

; STREET: 8400 E. Prentice Avenue, Suite 200

; CITY: Englewood

; STATE: Colorado

; COUNTRY: USA

; ZIP: 80111

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage

; COMPUTER: IBM compatible

; OPERATING SYSTEM: MS-DOS

; SOFTWARE: Wordperfect 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/687,421

; FILING DATE: 08-MAY-1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/195,005

; FILING DATE: 10-FEBRUARY-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE: 22-APRIL-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/219,012

; FILING DATE: 28-MARCH-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/973,333

; FILING DATE: 11-NOVEMBER-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/714,131

; FILING DATE: 10-JUNE-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/536,428

; FILING DATE: 11-JUNE-1990

; ATTORNEY/AGENT INFORMATION:

; NAME: Barry J. Swanson

; REGISTRATION NUMBER: 33,215

; REFERENCE/DOCKET NUMBER: NEX07/PCT

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (303) 793-3333

; TELEFAX: (303) 793-3433

; INFORMATION FOR SEQ ID NO: 444:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 27 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; FEATURE:

; OTHER INFORMATION: All C's are 2'-NH2 cytosine

; FEATURE:

; OTHER INFORMATION: All U's are 2'-NH2 uracil

; NAME/KEY: C

; LOCATION: 26

; OTHER INFORMATION: The C at location 26 is

; OTHER INFORMATION: deoxycytidine

; US-08-687-421-444

Query Match

54.8%; Score 12.6; DB 4; Length 27;

Best Local Similarity 69.6%; Pred. No. 9.2e+02;

Matches 16; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

OY 1 gagacaccgcgtctctcgcaa 23

Db 27 GAACAGAGCTCTCCCA 5

## RESULT 6

US-08-303-124-26

; Sequence 26, Application US/08303124

; Patent No. 564190

; GENERAL INFORMATION:

; APPLICANT: Paoletti, Enzo

; APPLICANT: Taylor, Jill

; APPLICANT: Gettig, Russell

; TITLE OF INVENTION: Infectious Bursal Disease Virus

; NUMBER OF SEQUENCES: 34

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Curtis, Morris &amp; Safford

; ADDRESS: c/o William S. Frommer

; STREET: 530 Fifth Avenue

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10036

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/303,124

; FILING DATE:

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/918,311

; FILING DATE: 21-JUL-1992

; APPLICATION NUMBER: US 07/736,254

; FILING DATE: 26-JUL-1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Frommer, William S.

; REGISTRATION NUMBER: 25,506

; REFERENCE/DOCKET NUMBER: 454310-2440

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 840-0712

; TELEFAX: (212) 840-0712

; INFORMATION FOR SEQ ID NO: 26:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 39 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-303-124-26

Query Match 54.8%; Score 12.6; DB 1; Length 39;

Best Local Similarity 78.9%; Pred. No. 9.7e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4 aacaccgcgtctctcgcaa 22

Db 3 AACAGAGCTCTCCCA 21

## RESULT 7

US-08-480-697B-26

; Sequence 26, Application US/08480697B

; Patent No. 5891442

; GENERAL INFORMATION:

; APPLICANT: Paoletti, Enzo

; APPLICANT: Taylor, Jill

; US-08-480-697B-26

APPLICANT: Gettling, Russell  
TITLE OF INVENTION: Infectious Bursal Disease Virus  
TITLE OF INVENTION: Recombinant Poxvirus Vaccine  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Curtis, Morris & Safford  
ADDRESSEE: c/o William S. Frommer  
STREET: 530 Fifth Avenue  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,697B  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/303,124  
FILING DATE:  
APPLICATION NUMBER: US 07/918,311  
FILING DATE:  
FILING DATE: 21-JUL-1992  
APPLICATION NUMBER: US 07/736,254  
FILING DATE: 26-JUL-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2440  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 39 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-480-697B-26

Query Match 54.8%; Score 12.6; DB 2; Length 39;  
Best Local Similarity 78.9%; Pred. No. 9.7e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 aacacccgcctctcgca 22  
Db 3 AACACGAGCCTCTCCCCA 21

RESULT 8  
US-08-425-684-65  
Sequence 65, Application US/08425684  
Patent No. 5834252  
GENERAL INFORMATION:  
APPLICANT: STEMMER PH.D., WILLEM P.C.  
TITLE OF INVENTION: END-COMPLEMENTARY POLYMERASE REACTION  
NUMBER OF SEQUENCES: 136  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW  
STREET: ONE MARKET PLAZA, STEUART STREET TOWER, 20TH FLOOR  
CITY: SAN FRANCISCO  
STATE: CALIFORNIA  
COUNTRY: U.S.A.  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/425,684  
FILING DATE: 18-APR-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: DUNN ESO., TRACY J.  
REGISTRATION NUMBER: 34,587  
REFERENCE/DOCKET NUMBER: 165283-01540005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 326-2400  
TELEFAX: (415) 326-2422  
INFORMATION FOR SEQ ID NO: 65:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 40 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: circular  
US-08-425-684-65

Query Match 53.0%; Score 12.2; DB 2; Length 40;  
Best Local Similarity 82.4%; Pred. No. 1.5e+03;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 aacacccgcctctcg 20  
Db 4 AACACCCGCTGACGCC 20

RESULT 9  
US-08-425-684-71/C  
Sequence 71, Application US/08425684  
Patent No. 5834252  
GENERAL INFORMATION:  
APPLICANT: STEMMER PH.D., WILLEM P.C.  
TITLE OF INVENTION: END-COMPLEMENTARY POLYMERASE REACTION  
NUMBER OF SEQUENCES: 136  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW  
STREET: ONE MARKET PLAZA, STEUART STREET TOWER, 20TH FLOOR  
CITY: SAN FRANCISCO  
STATE: CALIFORNIA  
COUNTRY: U.S.A.  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/425,684  
FILING DATE: 18-APR-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: DUNN ESO., TRACY J.  
REGISTRATION NUMBER: 34,587  
REFERENCE/DOCKET NUMBER: 165283-01540005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 326-2400  
TELEFAX: (415) 326-2422  
INFORMATION FOR SEQ ID NO: 71:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 40 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: circular  
US-08-425-684-71

Query Match 53.0%; Score 12.2; DB 2; Length 40;  
Best Local Similarity 82.4%; Pred. No. 1.5e+03;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4 aacaccgctctcgc 20  
|||||  
DB 17 AACACCCGCTGACGCC 1

RESULT 10  
US-08-675-502-65  
; Sequence 65, Application US/08675502  
; Patent No. 5928905  
; GENERAL INFORMATION:  
; APPLICANT: STEMMER PH.D., WILLEM P.C.  
; APPLICANT: LIPSHUTZ, ROBERT J.  
; TITLE OF INVENTION: END-COMPLEMENTARY POLYMERASE REACTION  
; NUMBER OF SEQUENCES: 136  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW  
; STREET: TWO EMBARCADERO CENTER, 8TH FLOOR  
; CITY: SAN FRANCISCO  
; STATE: CALIFORNIA  
; COUNTRY: U.S.A.  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/675,502  
; FILING DATE: 03-JUL-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/425,684  
; FILING DATE: 18-APR-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US96/05480  
; FILING DATE: 18-APR-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MORPHY, ESQ., MATTHEW B.  
; REGISTRATION NUMBER: 39,787  
; REFERENCE/DOCKET NUMBER: 16528J-015410US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 326-2400  
; TELEFAX: (415) 326-2422  
; INFORMATION FOR SEQ ID NO: 65:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 40 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: circular  
US-08-675-502-65

Query Match 53.0%; Score 12.2; DB 2; Length 40;  
Best Local Similarity 82.4%; Pred. No. 1.5e+03;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4 aacaccgctctcgc 20  
|||||  
DB 4 AACACCCGCTGACGCC 20

RESULT 11  
US-08-675-502-71/c  
; Sequence 71, Application US/08675502  
; Patent No. 5928905  
; GENERAL INFORMATION:  
; APPLICANT: STEMMER PH.D., WILLEM P.C.  
; APPLICANT: LIPSHUTZ, ROBERT J.  
; TITLE OF INVENTION: END-COMPLEMENTARY POLYMERASE REACTION  
; NUMBER OF SEQUENCES: 136  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW  
STREET: TWO EMBARCADERO CENTER, 8TH FLOOR  
CITY: SAN FRANCISCO  
STATE: CALIFORNIA  
COUNTRY: U.S.A.  
ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/675,502  
; FILING DATE: 03-JUL-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US96/05480  
; FILING DATE: 18-APR-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MORPHY, ESQ., MATTHEW B.  
; REGISTRATION NUMBER: 39,787  
; REFERENCE/DOCKET NUMBER: 16528J-015410US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 326-2400  
; TELEFAX: (415) 326-2422  
; INFORMATION FOR SEQ ID NO: 71:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 40 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: circular  
US-08-675-502-71

Query Match 53.0%; Score 12.2; DB 2; Length 40;  
Best Local Similarity 82.4%; Pred. No. 1.5e+03;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4 aacaccgctctcgc 20  
|||||  
DB 17 AACACCCGCTGACGCC 1

RESULT 12  
US-08-895-590-41  
; Sequence 41, Application US/08895590  
; Patent No. 6207410  
; GENERAL INFORMATION:  
; APPLICANT: Hall, Linda M.  
; APPLICANT: Ren, Dejian  
; APPLICANT: Zheng, Wei  
; APPLICANT: Dubald, Manuel Marcel Paul  
; TITLE OF INVENTION: Genes Encoding an Insect Calcium Channel  
; NUMBER OF SEQUENCES: 101  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, LLP  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314-3187  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/895,590

FILED DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/374,888  
FILING DATE: 19-JAN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: MCGOWAN, Malcolm M.  
REGISTRATION NUMBER: 39,300  
REFERENCE/DOCKET NUMBER: 022650-263  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 45 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..45  
US-08-895-590-41

Query Match 53.0%; Score 12.2; DB 4; Length 45;  
Best Local Similarity 82.4%; Pred. No. 1.5e+03;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 gaacaccgcctctctcg 19  
DB 20 GAACACCTGCCGCTCG 36

RESULT 13  
US-08-507-431-17  
Sequence 17, Application US/08507431  
Patent No. 5693518  
GENERAL INFORMATION:  
APPLICANT: Kofoed, Lene V.  
APPLICANT: Kauppinen, Markus S.  
APPLICANT: Christgau, Stephan  
APPLICANT: Heldt-Hansen, Hans P.  
APPLICANT: Dalboge, Henrik  
APPLICANT: Andersen, Lene N.  
APPLICANT: Si, Joan Q.  
APPLICANT: Jacobson, Tina  
APPLICANT: Munk, Niels  
APPLICANT: Mullertz, Anette  
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 56935180 No. 5693518disk of No. 5693518th America, Inc.  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/507,431  
FILING DATE: 15-FEB-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/002,800  
FILING DATE: 25-AUG-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Harrington, James J.

REGISTRATION NUMBER: 38,711  
REFERENCE/DOCKET NUMBER: 3954.204-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-507-431-17

Query Match 52.2%; Score 12; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 gaacaccgcctctctcgcaa 22  
DB 1 GAACCCCAATCAGCA 20

RESULT 14  
US-08-902-655A-17  
Sequence 17, Application US/08902655A  
Patent No. 5885819  
GENERAL INFORMATION:

APPLICANT: Kofoed, Lene V.  
APPLICANT: Kauppinen, Markus S.  
APPLICANT: Christgau, Stephan  
APPLICANT: Heldt-Hansen, Hans P.  
APPLICANT: Dalboge, Henrik  
APPLICANT: Andersen, Lene N.  
APPLICANT: Si, Joan Q.  
APPLICANT: Jacobson, Tina  
APPLICANT: Munk, Niels  
APPLICANT: Mullertz, Anette  
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 58858190 No. 5885819disk of No. 5885819th America, Inc.  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/902,655A  
FILING DATE: 30-JULY-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Agtis, Cheryl T.  
REGISTRATION NUMBER: 34,086  
REFERENCE/DOCKET NUMBER: 3954.214-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-902-655A-17

Job time: 11360 sec

Query Match 52.2%; Score 12; DB 2; Length 20;

Best Local Similarity 75.0%; Pred. No. 1.7e+03;

Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3 gaacacccgctctcgcga 22  
||||| 11 |||||  
Db 1 GAACCCCAATCAGCAA 20

## RESULT 15

US-09-116-622-17

; Sequence 17 Application US/09116622

; Patent No. 6080567

; GENERAL INFORMATION:

; APPLICANT: Kofod, Lene V.

; APPLICANT: Kauppinen, Markus S.

; APPLICANT: Christgau, Stephan

; APPLICANT: Heldt-Hansen, Hans P.

; APPLICANT: Dalboge, Henrik

; APPLICANT: Andersen, Lene N.

; APPLICANT: Si, Joan O.

; APPLICANT: Jacobson, Tina

; APPLICANT: Munk, Niels

; APPLICANT: Mullertz, Anette

; TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM

; TITLE OF INVENTION: ASPERGILLUS ACULEATUS

; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESSES:

; ADDRESSEE: No. 60805670 No. 6080567disk of No. 6080567th America, Inc.

; STREET: 405 Lexington Avenue, 64th Floor

; CITY: New York

; STATE: New York

; COUNTRY: United States of America

; ZIP: 10174-6401

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentln Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/116,622

; FILING DATE: 16-July-1998

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Agtis, Cheryl H.

; REGISTRATION NUMBER: 34,086

; REFERENCE/DOCKET NUMBER: 3954, 224-US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 212-867-0123

; TELEFAX: 212-878-9655

; INFORMATION FOR SEQ ID NO: 17:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; US-09-116-622-17

Query Match 52.2%; Score 12; DB 3; Length 20;

Best Local Similarity 75.0%; Pred. No. 1.7e+03;

Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3 gaacacccgctctcgcga 22  
||||| 11 |||||  
Db 1 GAACCCCAATCAGCAA 20

Search completed: March 9, 2002, 00:54:09

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